

ABSTRACT of DISCLOSURE

A process for preparation of (R)-1,2-propanediol which comprises cultivating a microorganism belonging to genus *Pseudomonas* or genus *Alcaligenes* which has ability to assimilate (S)-1,2-propanediol as a single carbon source, in a culture medium containing racemic 1,2-propanediol as a single carbon source and then isolating the remaining (R)-1,2-propanediol from the culture broth.

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